

**From:** Garvin, Michael [garvinmr@ornl.gov]

**Sent:** Sunday, October 30, 2022 8:30 AM

**To:** Bradburne, Christopher E. [Chris.Bradburne@jhuapl.edu]; Plowright, Raina [raina.plowright@montana.edu]; Gallagher, Molly E. [Molly.Gallagher@jhuapl.edu]; Bird, Ian M. [ian.bird@jhuapl.edu]; Jacobson, Daniel [jacobsonda@ornl.gov]

**Subject:** SARS-CoV-2 origin report

**Attachments:** report.pdf

**\*\*External Sender\*\***

Hi All,

A few months back I sent a review of the Worobey et al and Pekar et al preprints that were all over CNN and NPR and then resulted in the Science paper by Worobey. I had pointed to many flaws in the paper and potential problems with their interpretations.

This report just came out from Senator Richard Burr's office (attached). Some interesting data and insights in there. Of note, compare Figure 5 of the report to Worobey's figure – as I pointed out before, he covered up where the WIV is on his figure.

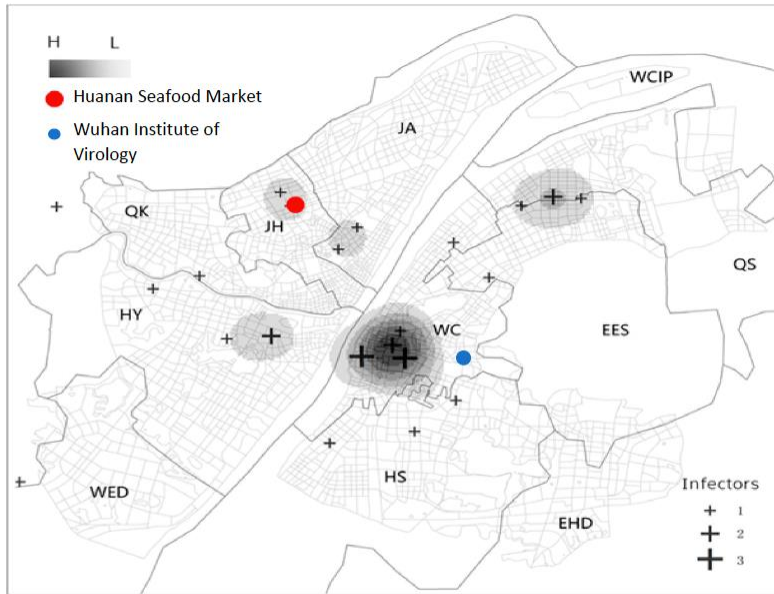


Figure 5: Spatial distribution of Weibo social media platform users who used COVID-19 assistance channel, a web application people searched when looking for flu-like symptoms, from Dec. 20, 2019 to Jan. 18, 2020, overlaid with location of Huanan Seafood Market and Wuhan Institute of Virology's campus in central Wuhan. (Adapted from: Peng, Z., Wang, R., Liu, L., & Wu, H. (2020). Exploring Urban Spatial Features of COVID-19 Transmission in Wuhan Based on Social Media Data. ISPRS International Journal of Geo-Information, 9(6), 402. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/ijgi9060402>).

